CLAIMS

What is claimed is:

1   1.   A method for testing a computer system board, comprising:

2   loading the computer system board into a test apparatus;

3   automatically coupling a power input to the circuit board via the test

4   apparatus;

5   automatically performing a plurality of computer system board tests; and

6   storing results of the automatic testing.

1   2.   The method of claim 1, further comprising:

2   determining a type of the computer system board; and

3   automatically supplying the computer system board with a corresponding set

4   of power inputs during the automatic testing operations.

1   3.   The method of claim 2, further comprising sequencing a plurality of power

2   input signals in response to corresponding power command signals provided by the

3   computer system board.

1   4.   The method of claim 1, wherein the plurality of system board tests include

2   testing the computer system board for short circuits.

5.   The method of claim 1, wherein the plurality of system board tests include

testing a video subsystem of the computer system board.

1   6.   The method of claim 1, further comprising automatically inserting one or more

2   memory devices into corresponding connectors on the computer system board.

1   7.   The method of claim 1, further comprising automatically inserting a

2   microprocessor into a corresponding connector on the computer system board.

1   8.   The method of claim 1, further comprising automatically operatively coupling

2   a peripheral card to an expansion slot on the computer system board.

1   9.   The method of claim 1, further comprising automatically connecting test

2   electronics to at least input/output (I/O) port connector.

1   10.   The method of claim 9, wherein said at least one I/O port connector

2   comprises at least two I/O port connectors, each having a different connection axis.

1   11.   The method of claim 1, further comprising:

2   determining a type of the computer system board; and automatically

3   performing a particular set of computer system board tests corresponding to the type

4   of computer system board that is determined.

1   12.   The method of claim 11, wherein the type of computer system board is

2   determined by performing the operations of:

3   storing data in a database relating respective serial numbers of a plurality of

4   computer system boards with corresponding computer system board types;

5   scanning a serial number bar code on a given computer system board that is

6   to be tested; and

7   determining the system board type of that computer system board via a

8   lookup of the database using the serial number that was scanned.

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